

Bergamid™ A700 G15 U-S0 BK035

PA66-GF15

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	115	MPa	ASTM D 638
Flexural Modulus	6000	MPa	ASTM D 790
Flexural Strength	180	MPa	ASTM D 790
Izod Impact notched, 1/8 in	40	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	230	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E15	Ohm	ASTM D 257
Other properties			
Density	1290	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4 - 6	h	-
Mold temperature	65 - 85	°C	-
Zone 1	260 - 280	°C	-
Zone 2	260 - 280	°C	-
Zone 3	260 - 280	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Delivery form

Black